

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A connector connection structure comprising: a first connector-(108) on a housing-(100) accommodating an electric device mounted in a vehicle; and a second connector-(200) shaped so as to be fitted into said first connector-(108) by inserting it with a force not smaller than a predetermined amount,

wherein said second connector-(200) has a contact-(204) joinable with a contact-(124) of said first connector-(108) to be electrically connected, and

said second connector-(200) includes a mechanism that is integral therewith for increasing a force applied by an operator for insertion.

2. (Currently Amended) The connector connection structure according to claim 1, wherein said mechanism includes a rod-like insertion assist member-(202) connected to said second connector-(200) via a fulcrum,

said insertion assist member-(202) generates said force not smaller than a predetermined amount by applying, with its one end's position being restricted, a rotation force to another end, and

said housing-(100) includes a restriction means for restricting the position of said one end.

3. (Currently Amended) The connector connection structure according to claim 2, wherein said insertion assist member-(202) is supported rotatably about said fulcrum.

4. (Currently Amended) The connector connection structure according to claim 2, wherein said restriction means is a protrusion-~~(102)~~ provided on said housing-~~(100)~~ and formed in a position for said one end.

5. (Currently Amended) The connector connection structure according to claim 2, wherein said restriction means is an opening provided on said housing-~~(100)~~ into which said one end can be inserted.

6. (Original) The connector connection structure according to claim 1, wherein said second connector is formed along a shape of said housing.

7. (Original) The connector connection structure according to claim 1, wherein said second connector is L-shaped.

8. (Currently Amended) The connector connection structure according to claim 1, wherein said mechanism includes a rod-like insertion assist member-~~(404)~~ in said second connector-~~(400)~~ whose one end's position is restricted,

said insertion assist member-~~(404)~~ has a groove-~~(446)~~ at a predetermined angle with respect to an insertion direction of said second connector-~~(400)~~,

a protrusion-~~(430)~~ slidable in said groove-~~(446)~~ is fixed to said housing-~~(100)~~, and said insertion assist member-~~(404)~~ generates said force not smaller than a predetermined amount by said protrusion-~~(430)~~ sliding along said groove-~~(446)~~.

9. (Currently Amended) The connector connection structure according to claim 2 ~~one of claims 2 to 8~~, wherein another end of said insertion assist member ~~(404)~~ is fixed to said housing ~~(100)~~ after said second connector ~~(400)~~ has been fitted into said first connector ~~(108)~~.

10. (Currently Amended) The connector connection structure according to claim 1, wherein said mechanism includes a rod-like insertion assist member ~~(202)~~ connected with said second connector ~~(200)~~ via a fulcrum,

said insertion assist member ~~(202)~~ generates said force not smaller than a predetermined amount by applying, with its one end's position being restricted, a rotation force to another end, and

said housing ~~(100)~~ includes a restriction element for restricting the position of said one end.

11. (Currently Amended) The connector connection structure according to claim 10, wherein said insertion assist member ~~(202)~~ is supported rotatably about said fulcrum.

12. (Currently Amendment) The connector connection structure according to claim 10, wherein said restriction element is a protrusion ~~(102)~~ provided on said housing ~~(100)~~ and formed in a position for said one end.

13. (Currently Amended) The connector connection structure according to claim 10, wherein said restriction element is an opening provided on said housing ~~(100)~~ into which said one end can be inserted.

14. (Currently Amended) The connector connection structure according to claim 10 ~~one of claims 10 to 13~~, wherein another end of said insertion assist member ~~(404)~~ is fixed to said housing ~~(100)~~ after said second connector ~~(400)~~ has been fitted into said first connector ~~(108)~~.

15. (Currently Amended) A connector connection structure comprising: a first connector ~~(108)~~ on a housing ~~(100)~~ accommodating an electric device mounted in a vehicle; a second connector ~~(200)~~ shaped so as to be fitted into said first connector ~~(108)~~ by inserting it with a force not smaller than a predetermined amount; and a rod-like insertion assist member ~~(308)~~ connected, via a fulcrum, with an insertion assist mechanism ~~(350)~~ for fitting said second connector ~~(200)~~ into said first connector ~~(108)~~,

wherein said insertion assist member ~~(308)~~ generates said force not smaller than a predetermined amount for said second connector ~~(200)~~ by applying, with its one end's position being restricted, a rotation force to another end,

said second connector ~~(200)~~ includes a contact ~~(204)~~ joinable with a contact ~~(124)~~ of said first connector ~~(108)~~ to be electrically connected, and

said housing ~~(100)~~ includes a restriction means for restricting the position of said one end.

16. (Currently Amended) The connector connection structure according to claim 15, wherein said insertion assist member ~~(308)~~ is rotatably supported on said insertion assist mechanism ~~(350)~~.

17. (Currently Amended) The connector connection structure according to claim 15, wherein said second connector ~~(200)~~ is formed along a shape of said housing ~~(100)~~.

18. (Currently Amended) The connector connection structure according to claim 15, wherein said second connector-~~(200)~~ is L-shaped.

19. (Currently Amended) The connector connection structure according to claim 15 ~~one of claims 15 to 18~~, wherein said restriction means is a protrusion-~~(300)~~ provided on said housing-~~(100)~~ and formed in a position for said one end.

20. (Currently Amended) The connector connection structure according to claim 15 ~~one of claims 15 to 18~~, wherein said restriction means is an opening provided on said housing ~~(100)~~ into which said one end can be inserted.

21. (Currently Amended) The connector connection structure according to claim 15 ~~one of claims 15 to 18~~, wherein said insertion assist mechanism-~~(350)~~ has a member-~~(306)~~ connected with said one end, and

said restriction means is a protrusion-~~(300)~~ provided on said housing-~~(100)~~ and formed so as to restrict said member's ~~(306)~~ position.

22. (Currently Amended) The connector connection structure according to claim 15 ~~one of claims 15 to 18~~, wherein said insertion assist mechanism-~~(350)~~ has a member connected with said one end, and

said restriction means is an opening provided on said housing-~~(100)~~ into which said member can be inserted.

23. (Currently Amended) A connector connection structure comprising: a first connector-(108) on a housing-(100) accommodating an electric device mounted in a vehicle; a second connector-(200) shaped so as to be fitted into said first connector-(108) by inserting it with a force not smaller than a predetermined amount; and a rod-like insertion assist member (308)-connected, via a fulcrum, with an insertion assist mechanism-(350) for fitting said second connector-(200) into said first connector-(108),

wherein said insertion assist member-(308) generates said force not smaller than a predetermined amount for said second connector-(200) by applying, with its one end's position being restricted, a rotation force to another end,

said second connector-(200) includes a contact-(204) joinable with a contact-(124) of said first connector (108)-to be electrically connected, and

said housing (100)-includes a restriction element for restricting the position of said one end.

24. (Currently Amended) The connector connection structure according to claim 23, wherein said insertion assist member-(308) is rotatably supported on said insertion assist mechanism-(350).

25. (Currently Amended) The connector connection structure according to claim 23, wherein said second connector-(200) is formed along a shape of said housing-(100).

26. (Currently Amended) The connector connection structure according to claim 23, wherein said second connector-(200) is L-shaped.

27. (Currently Amended) The connector connection structure according to claim 23 ~~one of claims 23 to 26~~, wherein said restriction element is a protrusion ~~(300)~~ provided on said housing ~~(100)~~ and formed in a position for said one end.

28. (Currently Amended) The connector connection structure according to claim 23 ~~one of claims 23 to 26~~, wherein said restriction element is an opening provided on said housing ~~(100)~~ into which said one end can be inserted.

29. (Currently Amended) The connector connection structure according to claim 23 ~~one of claims 23 to 26~~, wherein said insertion assist mechanism ~~(350)~~ has a member ~~(306)~~ connected with said one end, and

said restriction element is a protrusion ~~(300)~~ provided on said housing ~~(100)~~ and formed so as to restrict said member's ~~(306)~~ position.

30. (Currently Amended) The connector connection structure according to claim 23 ~~one of claims 23 to 26~~, wherein said insertion assist mechanism ~~(350)~~ has a member connected with said one end, and

said restriction element is an opening provided on said housing ~~(100)~~ into which said member can be inserted.